

Course Schedule - Spring 2007

Architecture

101 **Introduction to Architecture** Credit: 3 hours.

An introduction to architecture, architectural education and the profession with emphasis on issues that influence architecture and the people and processes involved.

CRN	Type	Section	Time	Days	Location	Instructor
47634	lecture	ALK	08:30 AM - 10:50 AM	F	room 102A Architecture Bldg	Kaha, A
47768	lecture	ART	ARRANGED			Kaha, A
47117	lecture	ITA	01:30 PM - 02:50 PM	TR	room 120 Architecture Bldg	Kaha, A

199 **Undergraduate Open Seminar** Credit: 1 to 5 hours.

May be repeated.

CRN	Type	Section	Time	Days	Location	Instructor
10337	independent study		ARRANGED			
10337: Instructor Approval Required						
45362	conference	CAD	05:30 PM - 07:20 PM	W	room 120 Architecture Bldg	Mink, B
45362: 2 hours						
44263	conference	CHP	03:00 PM - 04:50 PM	TR	room 300 Architecture Bldg	Hinders, K
44263: 3 hoursCamp Honors/Chanc Schol course.Title: Exploring Architecture This section is for Chancellor's Scholars; other students may enroll only with the approval of the instructor and the Campus Honors Program.						
46666	conference	DND	04:30 PM - 05:50 PM	MW	room 102A Architecture Bldg	Ali, M
46666: 3 hoursDiscovery course.Architectural Response to Natural Disasters, 3 hours. This course introduces freshmen to the general principles of architecture, engineering, and urban planning, etc., that have defined the planning, design, and construction of the built environment with respect to natural disasters. Recent natural disasters such as the Northridge earthquake in the USA and Kobe earthquake in Japan as well as the floods and hurricanes in the USA and elsewhere have devastated many cities and habitats, making rebuilding them a major task. Through the study of built environments as they are planned and designed in disaster-prone regions, students will learn that the realization of the built environment warrants collaboration between architects, engineers, planners and other professionals and is a synthesis of art and modern technology. First Year Discovery Program Course. Registration restricted to freshmen. Students should enroll in only on Discovery course.						
46700	conference	DSC	04:30 PM - 05:50 PM	TR	room 102A Architecture Bldg	Armstrong, P

46700: 3 hours Discovery course. The Art of the Skyscraper, 3 hours. This course introduces non-architecture students to the forces that have defined the design, construction, and image of skyscrapers and their urban environments. The skyscraper is the quintessential building of the modern age, and through its comprehensive use of structure, materials, and building systems, encompasses all aspects of architecture. Tall buildings give shape to the cities in which they are built, and the cities give shape to the buildings. Through the study of this significant modern building type students will learn that their realization is the collaboration between the architect and the engineer and a synthesis of art and technology of the modern era. First Year Discovery Program course. Registration restricted to freshmen. Students should enroll in only one Discovery course.

30218	conference	V	ARRANGED			Lapunzina, A
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30218: 4 hours For Versailles program students only.

210 Intro to the Hist of Arch Credit: 3 hours.

Visual and cultural analysis of selected buildings, urban spaces, and cities, from ancient Greece to modern times; emphasizes the architectural traditions of Western Civilization, especially as they affect the built environment of America and the Middle West. Prerequisite: Sophomore standing or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
46252	discussion-recitation	AD1	01:00 PM - 01:50 PM	F	room 102A Architecture Bldg	Marina, A
46253	discussion-recitation	AD2	01:00 PM - 01:50 PM	F	room 102B Architecture Bldg	Marina, A
46254	discussion-recitation	AD3	02:00 PM - 02:50 PM	F	room 102A Architecture Bldg	Marina, A
46255	discussion-recitation	AD4	11:00 AM - 11:50 AM	F	room 102A Architecture Bldg	Marina, A
46256	discussion-recitation	AD5	11:00 AM - 11:50 AM	F	room 102B Architecture Bldg	Marina, A
46257	discussion-recitation	AD6	02:00 PM - 02:50 PM	F	room 102B Architecture Bldg	Marina, A
30223	lecture	AL	02:00 PM - 02:50 PM	MW	room 120 Architecture Bldg	Marina, A

231 Anatomy of Buildings Credit: 4 hours.

Introduction to building technology, materials and methods emphasizing integration of design and technology. Introduces buildings as a network of systems including space, structure and environmental controls operating within a larger context of environment and social function. Skills developed include analysis of building form and function, understanding of design/technology interrelationships, and communication of ideas through drawing. Prerequisite: ARCH 171.

Students must register for one lab and one lecture section.

CRN	Type	Section	Time	Days	Location	Instructor
47649	laboratory	AB1	03:00 PM - 04:20 PM	TR	room 408 Architecture Bldg	Sturgeon, D

47633	lecture	AL1	02:00 PM - 02:50 PM	TR	room 408 Architecture Bldg	Sturgeon, D
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272 Strategies of Arch Design Credit: 4 hours.

Integration of formal principles with functional fundamentals of architectural design; functional vocabulary, principles, and concepts of architectural design; introduction to precedent study and analysis; skills development in sketching, drafting, rendering, layout, and modeling; and creative problem-solving in 2- and 3-dimensional exercises. Prerequisite: ARCH 101 and ARCH 171.

For Architecture students only.

CRN	Type	Section	Time	Days	Location	Instructor
30214	laboratory	A	08:30 AM - 12:20 PM	MW	Art-East Annex, Studio 1	Armstrong, P; Hamlin, L
	laboratory	A	10:30 AM - 12:20 PM	F	Art-East Annex, Studio 1	Armstrong, P; Hamlin, L
	laboratory-discussion	A	08:30 AM - 10:20 AM	F	room 134 Temple Hoyne Buell Hall	Armstrong, P; Hamlin, L
: For Architecture students only.						
46706	laboratory	A1	08:30 AM - 12:20 PM	MW	room ARR Art-East Annex, Studio 1	Armstrong, P; Hamlin, L
	laboratory	A1	10:30 AM - 12:20 PM	F	room ARR Art-East Annex, Studio 1	Armstrong, P; Hamlin, L
	laboratory-discussion	A1	08:30 AM - 10:20 AM	F	room 134 Temple Hoyne Buell Hall	Armstrong, P; Hamlin, L
46707	laboratory	A2	08:30 AM - 12:20 PM	MW	room ARR Art-East Annex, Studio 1	Armstrong, P; Hamlin, L
	laboratory	A2	10:30 AM - 12:20 PM	F	room ARR Art-East Annex, Studio 1	Armstrong, P; Hamlin, L
	laboratory-discussion	A2	08:30 AM - 10:20 AM	F	room 134 Temple Hoyne Buell Hall	Armstrong, P; Hamlin, L

314 History of World Landscapes Credit: 3 hours.

Same as LA 314. See LA 314.

This course satisfies the General Education Criteria for a Hist&Philosoph Perspect, and Western Compартv Cult course.

The Natalie Alpert prize is given for the best term paper(s).

CRN	Type	Section	Time	Days	Location	Instructor
44249	discussion-	AD1	12:00 PM - 12:50	F	room 325 Temple	Harris, D

	recitation		PM		Hoyne Buell Hall	
44249: Hist&Philosoph Perspect, and Western Compартv Cult course.						
44250	discussion-recitation	AD2	01:00 PM - 01:50 PM	F	room 325 Temple Hoyne Buell Hall	Harris, D
44250: Hist&Philosoph Perspect, and Western Compартv Cult course.						
44251	discussion-recitation	AD3	12:00 PM - 12:50 PM	M	room 325 Temple Hoyne Buell Hall	Harris, D
44251: Hist&Philosoph Perspect, and Western Compартv Cult course.						
44252	discussion-recitation	AD4	01:00 PM - 01:50 PM	M	room 325 Temple Hoyne Buell Hall	Harris, D
44252: Hist&Philosoph Perspect, and Western Compартv Cult course.						
43825	lecture	AL1	04:30 PM - 05:50 PM	TR	room 134 Temple Hoyne Buell Hall	Harris, D
43825: Hist&Philosoph Perspect, and Western Compартv Cult course.						

341 **Environment Tech HVAC** Credit: 4 hours.

Study of the control of thermal environment, mechanical and related building sub-systems, and their integration into the overall building design. The specific topics include: thermal comfort and the behavioral implications; fundamentals of thermal behavior of buildings; the principles of heat and moisture in buildings; indoor air quality and "Sick Building Syndrome"; energy and sustainability implications of building design; and mechanical systems including HVAC and plumbing systems. Prerequisite: ARCH 231.

Students must register for one lab and one lecture section.

CRN	Type	Section	Time	Days	Location	Instructor
30227	laboratory	AB1	09:30 AM - 10:50 AM	TR	room 102A Architecture Bldg	Strand, R
46244	laboratory	AB2	09:30 AM - 10:50 AM	TR	room 102B Architecture Bldg	Strand, R
47333	laboratory	AB3	09:30 AM - 10:50 AM	TR	room 20A Architecture Bldg	Strand, R
30229	lecture	AL1	09:30 AM - 10:50 AM	MW	room 120 Architecture Bldg	Strand, R

342 **Environment Tech Ltg & Acoust** Credit: 4 hours.

Study of the control of luminous and sonic environments, the supporting building systems, and their integration into the overall building design. Specific topics include: lighting fundamentals; light sources; effects of lighting on comfort and performance; lighting calculations and design; energy economy and sustainability; acoustic fundamentals; room acoustics; noise control; and basic electrical and sound systems. Prerequisite: ARCH 231.

CRN	Type	Section	Time	Days	Location	Instructor
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30231	laboratory	AB1	08:00 AM - 09:20 AM	MW	room 102A Architecture Bldg	Boubekri, M
30233	laboratory	AB2	08:00 AM - 09:20 AM	MW	room 102B Architecture Bldg	Boubekri, M
30234	lecture	AL1	08:00 AM - 09:20 AM	TR	room 120 Architecture Bldg	Boubekri, M

352 Mech of Mat & Design Appl Credit: 4 hours.

Study of stresses, strains, and deformations in axially loaded members; direct shear and bearing stresses; torsion; beam stresses and deflections; stresses under combined loading; column buckling; design of structural members; introduction to statically indeterminate structures; architectural applications. Prerequisite: ARCH 351

CRN	Type	Section	Time	Days	Location	Instructor
30235	laboratory	AB1	01:30 PM - 02:50 PM	TR	room 102A Architecture Bldg	Krishnan, S
40287	laboratory	AB2	01:30 PM - 02:50 PM	TR	room 102B Architecture Bldg	Krishnan, S
40289	laboratory	AB3	01:30 PM - 02:50 PM	TR	room 20 Architecture Bldg	Krishnan, S
41518	laboratory	AB4	01:30 PM - 02:50 PM	TR	room 20A Architecture Bldg	Krishnan, S
30236	lecture	AL1	03:00 PM - 04:20 PM	TR	room 120 Architecture Bldg	Krishnan, S
30237	laboratory	BB1	ARRANGED			
30237: Versailles program students only.						
30238	lecture	BL1	ARRANGED			Vistosi, N
30238: Versailles program students only.						

374 Arch Design and the City Credit: 5 hours.

Building in the community setting; creation of place; introductory urban design and site planning issues, including universal design and accessibility; human-built environment relationship issues; architectural design and presentation methods; required field trips. Prerequisite: ARCH 373.

CRN	Type	Section	Time	Days	Location	Instructor
30241	laboratory	E1	01:30 PM - 05:20 PM	MW	room 300 Architecture Bldg	Hinders, K
	laboratory	E1	01:30 PM - 03:20 PM	F	room 120 Architecture Bldg	Hinders, K
	laboratory	E1	03:30 PM - 05:20 PM	F	room 300 Architecture Bldg	Hinders, K

30242	laboratory	E2	01:30 PM - 05:20 PM	MW	room 200 Architecture Bldg	Hinders, K; Baumgartner, K
	laboratory	E2	01:30 PM - 03:20 PM	F	room 120 Architecture Bldg	Hinders, K; Baumgartner, K
	laboratory	E2	03:30 PM - 05:20 PM	F	room 200 Architecture Bldg	Hinders, K; Baumgartner, K
30244	laboratory	E3	01:30 PM - 05:20 PM	MW	room 200 Architecture Bldg	Hinders, K; Murray, S
	laboratory	E3	01:30 PM - 03:20 PM	F	room 120 Architecture Bldg	Hinders, K; Murray, S
	laboratory	E3	03:30 PM - 05:20 PM	F	room 200 Architecture Bldg	Hinders, K; Murray, S
30245	laboratory	E4	01:30 PM - 05:20 PM	MW	room 200 Architecture Bldg	Hinders, K; Reifsteck, C
	laboratory	E4	01:30 PM - 03:20 PM	F	room 120 Architecture Bldg	Hinders, K; Reifsteck, C
	laboratory	E4	03:30 PM - 05:20 PM	F	room 200 Architecture Bldg	Hinders, K; Reifsteck, C
30248	laboratory	E5	01:30 PM - 05:20 PM	MW	room 200 Architecture Bldg	Hinders, K; Poss, J
	laboratory	E5	01:30 PM - 03:20 PM	F	room 120 Architecture Bldg	Hinders, K; Poss, J
	laboratory	E5	03:30 PM - 05:20 PM	F	room 200 Architecture Bldg	Hinders, K; Poss, J
41572	laboratory	E6	01:30 PM - 05:20 PM	MW	room 200 Architecture Bldg	Hinders, K; Stallmeyer, J
	laboratory	E6	01:30 PM - 03:20 PM	F	room 120 Architecture Bldg	Hinders, K; Stallmeyer, J
	laboratory	E6	03:30 PM - 05:20 PM	F	room 200 Architecture Bldg	Hinders, K; Stallmeyer, J
30247	laboratory	V	ARRANGED			Lapunzina, A
30247: Versailles program students only.						

399 Study in Versailles, France Credit: 0 hours.

Study in the University of Illinois Architectural Program at Versailles, France. Approved for S/U grading only.
Prerequisite: Concurrent registration in the full-time program at Versailles through the Chicago or Urbana-Champaign Campus.

CRN	Type	Section	Time	Days	Location	Instructor
30249	conference	V	ARRANGED			Lapunzina, A
30249: Versailles program students only						

400 Senior Honors in Architecture Credit: 1 to 3 hours.

For candidates for honors in architecture. Independent guided study and research in a selected area of architecture. 3 undergraduate hours. No graduate credit. (Summer session, 1 to 3 undergraduate hours). May be repeated to a maximum of 6 hours with consent of Director of School. Prerequisite: Senior standing in architecture, a University grade-point average of 3.0 or, in special cases, consent of Director of School.

CRN	Type	Section	Time	Days	Location	Instructor
10340	independent study		ARRANGED			
10340: Instructor Approval Required						

401 Independent Study Credit: 0 to 4 hours.

Independent guided study and investigation in a selected area of architecture. Approved for both letter and S/U grading. May be repeated. Prerequisite: Junior standing in architecture, written proposal approved by a sponsoring faculty member and the approval of the Director of the School.

Work may be taken in the following Architectural areas: Design, History, Theory, Structures, Practice and Technology.

CRN	Type	Section	Time	Days	Location	Instructor
10346	independent study		ARRANGED			
10346: Instructor Approval Required						
41998	conference	AL	ARRANGED			Lapunzina, A
41998: 3 hours Topic: Undergraduate Seminar--Versailles. For Versailles program students only.						
47423	conference	ESL	12:00 PM - 01:20 PM	TR	room ARR Noble Hall	Wicks, B; Sorensen, J
47423: 3 hours Room 322 Nobel Hall. Email instructor with questions. jsorensen@uiuc.edu						
47218	conference	REV	06:00 PM - 07:50 PM	T	room 2 Education Bldg	Mink, B
47218: 2 hours						

412 Medieval Architecture Credit: 3 hours.

The development of Romanesque and Gothic architecture and urban design. Prerequisite: ARCH 210, ARTH 111, or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30269	lecture	T	04:00 PM - 05:20 PM	MW	room 120 Architecture Bldg	Marina, A

416 Modern American Architecture Credit: 3 hours.

Development of American architecture and urban planning from the seventeenth century to the present. Prerequisite: ARCH 210, ARTH 112, or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
39951	lecture	M	11:00 AM - 12:20 PM	MW	room 319 Gregory Hall	Kruty, P

417 Twentieth-Century Architecture Credit: 3 hours.

Developments in Western architecture and urban design from 1900 to the present; examines the rise of modernism in Europe and, after World War II; includes work in the United States, India, Japan, and Australia. Prerequisite: ARCH 210 or ARTH 112, or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30272	lecture	D	08:00 AM - 09:20 AM	MW	room 120 Architecture Bldg	Kruty, P

419 Historic Building Preservation Credit: 3 hours.

Introduces historic preservation: legal, financial, and administrative assistance, graphic examination of restored buildings and sites, and application of conservation technology.

CRN	Type	Section	Time	Days	Location	Instructor
30273	lecture-discussion	P	11:00 AM - 12:20 PM	TR	room 102A Architecture Bldg	Garner, J

432 Construction of Buildings Credit: 4 hours.

Second course in building science and technology with emphases on the process of project execution from the initiation of design to the completion of construction. Includes comprehensive study of the construction of buildings and their systems, materials and methods, and their implications on building sustainability and design decision-making. 4 hours undergraduate only. Prerequisite: ARCH 231 or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
46357	laboratory	AB1	09:00 AM - 11:50 AM	F	room ARR Architecture Bldg	McCulley, M
46357: Lab section of course is meeting in The Annex, Arch 20 and 20A and Rm 17 TBH.						
46355	lecture	AL1	06:00 PM - 07:20 PM	TR	room 103 Mumford Hall	McCulley, M

451 Theory & Design Steel & Timber Credit: 4 hours.

Analysis and design of steel and timber structures for buildings. Steel columns, beams, trusses, connections, roof and floor framing systems; timber beams, columns, roof and floor framing systems. Prerequisite: ARCH 352.

Students must register for one lab and one lecture section.

CRN	Type	Section	Time	Days	Location	Instructor
30275	laboratory	AB1	09:30 AM - 10:50 AM	MW	room 102A Architecture Bldg	Erwin, W
40209	laboratory	AB2	09:30 AM - 10:50 AM	MW	room 102B Architecture Bldg	Erwin, W
46906	laboratory	AB3	09:30 AM - 10:50 AM	MW	room 20A Architecture Bldg	Erwin, W
30277	lecture	AL1	09:30 AM - 10:50 AM	TR	room 120 Architecture Bldg	Erwin, W

452 Theory of Reinforced Concrete Credit: 4 hours.

Concrete materials; behavior of reinforced concrete construction; behavior and design of structural elements, one-way slabs, beams, and girders; columns; ACI code requirements; and introduction to continuity in reinforced concrete structures. Prerequisite: ARCH 352.

Students must register for one lab and one lecture section.

CRN	Type	Section	Time	Days	Location	Instructor
30279	laboratory	AB1	11:00 AM - 12:20 PM	MW	room 102A Architecture Bldg	Ali, M
40208	laboratory	AB2	11:00 AM - 12:20 PM	MW	room 102B Architecture Bldg	Ali, M
46908	laboratory	AB3	11:00 AM - 12:20 PM	MW	room 20A Architecture Bldg	Ali, M
30280	lecture	AL1	11:00 AM - 12:20 PM	TR	room 120 Architecture Bldg	Ali, M

472 Arch Des in Landscape & Cities Credit: 6 hours.

Intermediate architectural design methods, fundamentals, principles and concepts focusing on buildings in landscape and urban contexts. Prerequisite: ARCH 471

CRN	Type	Section	Time	Days	Location	Instructor
43798	laboratory	T3	01:30 PM - 05:20 PM	MWF	room 410 Architecture Bldg	Lewis, C
43798: For Track 3 Graduate Students only.						

475 Arch Design & Development Credit: 6 hours.

Schematic design and development of a small-scale public building emphasizing the integration of the basic elements of building; materials, details, structure, technology, program, life safety, and universal design.

Prerequisite: ARCH 374 or ARCH 472.

CRN	Type	Section	Time	Days	Location	Instructor
30289	laboratory	E1	01:30 PM - 05:50 PM	MWF	room 300 Architecture Bldg	Malnar, J

476 Arch Design & Exploration Credit: 6 hours.

Exploration of boundaries of architecture and the built environment. Focused exploration into specific design topics, such as issue-oriented building problems, urban design theory, intermediate building design and site planning theory, human-environment relationship theory, interdisciplinary design, and architectural design and presentation methods. Prerequisite: ARCH 475.

CRN	Type	Section	Time	Days	Location	Instructor
30290	laboratory	E1	01:30 PM - 05:50 PM	MWF	room 300 Architecture Bldg	Malnar, J

480 Sustainable Design Principles Credit: 2 hours.

Introduction to key concepts for the design sustainable of buildings and landscapes, including concepts that form the core of the U.S Green Building Council rating system (LEED). Introduction to LEED accreditation.

CRN	Type	Section	Time	Days	Location	Instructor
44145	online	S	ARRANGED			Deal, B
44145: Online						
44145: Online course. Syllabus/course information will be communicated via email to registered students.						

498 Directed Research in Arch Credit: 4 hours.

Participation in on-going research projects which may include energy management, environmental perception, facilities development, building science, and other topics. May be repeated to a maximum of 8 hours. Students may register in different sections of this course to a maximum of 8 hours. Prerequisite: Approval of written proposal by instructor and Director of School.

CRN	Type	Section	Time	Days	Location	Instructor
30305	conference	A	ARRANGED			
30304	conference	BRC	11:00 AM - 01:00 PM	M	room ARR 1BRCB	

502 Structural Planning Credit: 4 hours.

General problems in the selection and design of structural systems for buildings; methods of analysis; site explorations, soils, and foundations; bracing; and special systems. Prerequisite: ARCH 451 and ARCH 452

CRN	Type	Section	Time	Days	Location	Instructor
30284	laboratory	AB1	03:00 PM - 04:20 PM	TR	room 102A Architecture Bldg	Krishnan, S
30285	laboratory	AB2	03:00 PM - 04:20 PM	TR	room 102B Architecture Bldg	Krishnan, S
45562	laboratory	AB3	03:00 PM - 04:20 PM	TR	room 301 Architecture Bldg	Krishnan, S
46715	laboratory	AB4	03:00 PM - 04:20 PM	TR	room 20A Architecture Bldg	Krishnan, S
30287	lecture	AL1	04:30 PM - 05:50 PM	TR	room 120 Architecture Bldg	Krishnan, S

510 History of World Landscapes Credit: 4 hours.

Same as LA 513. See LA 513.

CRN	Type	Section	Time	Days	Location	Instructor
44253	discussion-recitation	AD1	12:00 PM - 12:50 PM	F	room 325 Temple Hoyne Buell Hall	Harris, D
44254	discussion-recitation	AD2	01:00 PM - 01:50 PM	F	room 325 Temple Hoyne Buell Hall	Harris, D
44255	discussion-recitation	AD3	12:00 PM - 12:50 PM	M	room 325 Temple Hoyne Buell Hall	Harris, D
44257	discussion-recitation	AD4	01:00 PM - 01:50 PM	M	room 325 Temple Hoyne Buell Hall	Harris, D
43826	lecture	AL1	04:30 PM - 05:50 PM	TR	room 134 Temple Hoyne Buell Hall	Harris, D

511 Sem in Ancient & Medieval Arch Credit: 4 hours.

Seminar on topics in ancient, early Christian, Byzantine, and Medieval Architecture. Prerequisite: ARCH 410, ARCH 411, or ARCH 412, or equivalent as determined by the instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30307	lecture-discussion	MA	06:00 PM - 08:50 PM	T	room 17 Temple Hoyne Buell Hall	Papalexandrou, A

547 Architectural Practice Studio Credit: 8 hours.

Comprehensive building design with emphasis on holistic design integration for optimum performance and constructability with best possible economy under the realistic temporal, technical, legal, and budgetary limitations. The projects, typically real ones, are executed through partial construction document phase through collaborative design by project teams. (Day-long Friday field trips). Prerequisite: ARCH 534, ARCH 545, and ARCH 546; or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30314	laboratory	AB1	04:30 PM - 05:50 PM	MWF	room 201 Temple Hoyne Buell Hall	Kim, M
30316	lecture	AL1	01:30 PM - 04:20 PM	MWF	room 17 Temple Hoyne Buell Hall	Kim, M

550 Reinforced Concrete Design Credit: 4 hours.

Selection, design, and comparison of reinforced concrete floor systems for buildings; study and design of columns and footings; and prestressed concrete. Prerequisite: ARCH 452

CRN	Type	Section	Time	Days	Location	Instructor
30282	lecture-discussion	B	09:30 AM - 10:50 AM	MTWR	room 301 Architecture Bldg	Moon, K

553 Adv Reinforced Concrete Design Credit: 3 hours.

Critical review of the analysis, methods, and specifications involved in the design and behavior of reinforced concrete structures for buildings, including tall buildings, plates, and shells; computer applications. Prerequisite: ARCH 551; credit or concurrent registration in ARCH 560 or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30320	lecture-discussion	D	06:30 PM - 07:50 PM	TR	room 301 Architecture Bldg	Ali, M

554 Adv Steel Design Credit: 3 hours.

Advanced topics in the design of steel structures; critical study of the AISC specification; design of steel members and their connections; composite structures; and the analysis and design of continuous structures and tall buildings. Prerequisite: ARCH 560 or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
44155	lecture-discussion	S	06:30 PM - 07:50 PM	MW	room 102A Architecture Bldg	Erwin, W

559 Structural Masonry Design Credit: 3 hours.

Engineering properties of masonry materials; codes and standards for masonry structures; analysis and design of masonry structures including multistory buildings and arches. Prerequisite: ARCH 452 or equivalent.

CRN	Type	Section	Time	Days	Location	Instructor
46247	lecture-discussion	S	11:00 AM - 12:20 PM	MW	room 301 Architecture Bldg	Erwin, W

572 Architectural Design Studio Credit: 6 hours.

Research and individual comprehensive design study for a selected architectural project; special emphasis on site development and the integration of construction technology, structure, and environmental systems. Prerequisite: ARCH 571, or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30293	laboratory	E1	01:30 PM - 05:50 PM	MWF	room 403 Architecture Bldg	Selby, R
30295	laboratory	E2	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	Ataman, O
30297	laboratory	E3	01:30 PM - 05:50 PM	MWF	room 314 Architecture Bldg	Dearborn, L
30298	laboratory	E4	01:30 PM - 05:50 PM	MWF	room 205 Temple Hoyne Buell Hall	Kamm, T
30300	laboratory	E5	01:30 PM - 05:50 PM	MWF	room 205 Temple Hoyne Buell Hall	Hemingway, E
30302	laboratory	E6	01:30 PM - 05:50 PM	MWF	room 403 Architecture Bldg	Plummer, H
30303	laboratory	E7	01:30 PM - 05:50 PM	MWF	room 211 Temple Hoyne Buell Hall	Hammann, R
46704	laboratory	E8	01:30 PM - 05:50 PM	MWF	room 211 Temple Hoyne Buell Hall	Lerum, V
47292	laboratory	E9	01:30 PM - 05:50 PM	MWF	room 403 Architecture Bldg	Anthony, K

574 Architectural Design Studio Credit: 4 to 8 hours.

Continuation of ARCH 573. Prerequisite: ARCH 573or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30325	laboratory	E1	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	Armstrong, P

30325: 8 hours						
42937	laboratory	E10	01:30 PM - 05:50 PM	MWF	room 305 Temple Hoyne Buell Hall	McCulley, M
42937: 8 hours						
42938	laboratory	E11	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	Murray, S
42938: 8 hours						
42930	laboratory	E3	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	Selby, R
42930: 8 hours						
42932	laboratory	E5	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	Dearborn, L
42932: 8 hours						
42933	laboratory	E6	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	Kamm, T
42933: 8 hours						
42934	laboratory	E7	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	Plummer, H
42934: 8 hours						
42935	laboratory	E8	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	Poss, J
42935: 8 hours						
42936	laboratory	E9	01:30 PM - 05:50 PM	MWF	room ARR Temple Hoyne Buell Hall	Anderson, J
42936: 8 hours						
46703	laboratory	S	01:30 PM - 05:50 PM	MW	room 301 Temple Hoyne Buell Hall	Rockey, C
46703: 4 hours						

576 Architectural Design Seminar Credit: 3 or 4 hours.

Presentations and discussions relative to various areas of architectural and environmental design concerns. May be repeated to a maximum of 12 hours. Prerequisite: ARCH 572 or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
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46875	conference	CA	12:30 PM - 01:20 PM	MWF	room 17 Temple Hoyne Buell Hall	Hemingway, E
46875: 3 hoursCommodity and Architecture: Analogue Fabrication at the Edge of Digitalization						
46873	conference	CCP	01:30 PM - 04:20 PM	R	room 17 Temple Hoyne Buell Hall	Kamm, T
46873: 3 hoursExploring Contemporary Critical Practice						
46874	conference	GTA	06:00 PM - 08:50 PM	T	room 210A Architecture Bldg	Stallmeyer, J
46874: 4 hoursGlobalization: Theories, Spaces, Urban Forms and Architectures						
46872	conference	LP	10:00 AM - 12:20 PM	F	room 210A Architecture Bldg	Plummer, H
46872: 3 hoursInstructor Approval RequiredLight Phenomena in Contemporary Architecture						
44428	lecture-discussion	SM	05:00 PM - 07:50 PM	R	room 17 Temple Hoyne Buell Hall	Murray, S
44428: 3 hoursTopic: Design & Construction of Curtain Walls						
46878	conference	UDT	09:30 AM - 10:50 AM	MW	room 17 Temple Hoyne Buell Hall	Hinders, K
46878: 3 hoursUrban Design Theory						
46913	conference	VL	09:30 AM - 10:50 AM	TR	room 17 Temple Hoyne Buell Hall	Lerum, V
46913: 3 hoursListen to the Baby Kick						

591 Spec Prob Arch Hist & Pres Credit: 2 to 12 hours.

Individual investigation of the work of particular architects, of specific buildings, and of the architecture of periods or regions; comparative studies; and aesthetic problems. May be repeated to a maximum of 12 hours. Prerequisite: Twelve hours of architectural history or consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
47431	conference	DR	ARRANGED			Ruggles, D
30330	conference	P	01:30 PM - 05:20 PM	MWF	Temple Hoyne Buell Hall	Garner, J
30330: 6 hoursTopic: Preservation Design Thesis						
30331	conference	RES	09:30 AM - 12:20 PM	S	room ARR 1BRCB	Gordon, J
30331: 2 hoursTopic: Building Restoration Techniques						

593 Spec Prob Arch Practice & Mgt Credit: 1 to 12 hours.

In-depth investigation of emerging issues and specific areas of research interest beyond what is covered in graduate courses of regular offering in the area of architectural practice and management. Students, as individuals

or in groups, are expected to propose a research plan and methods for a specific topic of research interest in consultation with the instructor, and execute it under the guidance of the instructor through consultation on a regular basis. (Summer credit: 1 to 6 graduate hours). May be repeated in same and subsequent terms as topics vary to a maximum of 12 hours. Prerequisite: Advanced graduate standing and consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30337	conference	MB	ARRANGED			Boubekri, M
47481	conference	RKS	ARRANGED			Strand, R
30333	conference	SP	ARRANGED			
30333: Topic: Special Problems Architectural Practice and Management						

594 Spec Prob Building Sci & Tech Credit: 1 to 12 hours.

In-depth investigation of emerging issues and specific areas of research interest beyond what is covered in graduate courses of regular offering in the area of building science technology. Students, as individuals or in groups, are expected to propose a research plan and methods for a specific topic of research interest in consultation with the instructor, and execute it under the guidance of the instructor through consultation on a regular basis. May be repeated to a maximum of 12 hours. (Summer credit: 1 to 2 graduate hours). Prerequisite: Advanced graduate standing and consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30339	conference	K	ARRANGED			Kim, M
30339: Topic: Directed Research in Building Science and Technology						
44430	conference	MB	11:00 AM - 12:20 PM	TR	room 102B Architecture Bldg	Boubekri, M
44430: 3 hours Topic: Daylighting Design and Analysis						
46865	conference	SIM	11:00 AM - 12:20 PM	MW	room 17 Temple Hoyne Buell Hall	Strand, R
46865: 4 hours						

595 Spec Prob Struct Theory & Des Credit: 2 to 12 hours.

Individual or group investigation and study in architectural engineering application; research in economy and design in correlation with architectural, mechanical, and structural requirements. May be repeated to a maximum of 12 hours. Prerequisite: Consent of instructor.

CRN	Type	Section	Time	Days	Location	Instructor
30341	conference	SP	ARRANGED			
30341: Topic: Special Problems						

596 Spec Prob Housing Env Credit: 3 to 6 hours.

Individual investigation or research in housing environments involving special issues such as energy conscious design, human-environmental relations, aesthetic theory, government policy, and cultural patterns. May be repeated to a maximum of 12 hours. Prerequisite: ARCH 572 or consent of instructor

CRN	Type	Section	Time	Days	Location	Instructor
30343	conference	A	ARRANGED			
30343: Topic: Individual Research						
30344	conference	LD	ARRANGED			Dearborn, L
30344: Topic: Professional Responses to the Residential Design Process						

597 Spec Prob Arch Design Credit: 3 to 12 hours.

Individual investigation of building types and systems, aesthetic theories, design thesis programming and other problems in architectural design. May be repeated to a maximum of 16 hours. Prerequisite: ARCH 572 or consent of instructor

CRN	Type	Section	Time	Days	Location	Instructor
30346	conference	A	01:00 PM - 02:50 PM	R	room 134 Temple Hoyne Buell Hall	Anthony, K; Selby, R
30346: Meets 16-Jan-07 - 09-Mar-07.						
	conference	A	02:00 PM - 02:50 PM	T	room 134 Temple Hoyne Buell Hall	Anthony, K; Selby, R
: 3 hoursTopic: Design Thesis PreparationMeets 16-Jan-07 - 09-Mar-07.						
47781	conference	KA	ARRANGED			Anthony, K
47547	conference	OA	ARRANGED			Ataman, O
30345	conference	Z	ARRANGED			
30345: Topic: Individual Research Topics						

599 Thesis Research Credit: 0 to 16 hours.

May be repeated to a maximum of 16 hours. Approved for S/U grading only. Prerequisite: Consent of instructor and graduate program coordinator.

CRN	Type	Section	Time	Days	Location	Instructor
10349	independent study		ARRANGED			
10349: Instructor Approval Required						